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AGRICULTURE PROFILE

CRANBROOK DISTRICT

Province of British Columbia
Ministry of Agriculture and Food

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BRITISH COLUMBIA AGRICULTURAL REPORTING REGIONS

ACKNOWLEDGEMENTS

This series of agricultural profiles was produced by the Policy Development and Economics Division, British Columbia Ministry of Agriculture and Food.

The report is descriptive, and includes statistical information from a variety of sources. It is designed primarily as an information base for use by Ministry of Agriculture and Food staff in district goal identification and program planning.

The authors acknowledge with gratitude the assistance and co-operation received from individuals and organizations both public and private during the preparation of this report.

This report is one of a series covering the eighteen District Agriculturists' Office Areas of British Columbia.

Abbotsford
Chilliwack
Cloverdale
Courtenay
Cranbrook
Creston
Dawson Creek
Duncan
Fort St. John
Kamloops
Oliver
Prince George
Quesnel
Salmon Arm
Smithers
Vanderhoof
Vernon
Williams Lake

AGRICULTURAL PROFILE - CRANBROOK DISTRICT

PREFACE

BACKGROUND

The British Columbia Ministry of Agriculture and Food has divided the Province into eighteen agricultural districts, each served by a District Agriculturist. Profiles of these districts were first developed in 1980 under the Canada-British Columbia Agriculture and Rural Development Subsidiary Agreement (A.R.D.S.A).

The availability of new data from the 1981 Census of Agriculture resulted in a need for major revision. The present profile is an updated version reflecting the Census information. At the same time, the profiles have been expanded to include information not previously available, and many of the tables have been restructured to show a more detailed breakdown of different variables by farm sales.

CAVEAT

As the agricultural districts were designed to meet the needs of the farming community, and as their boundaries were developed to ensure efficient use of the District Agriculturist's time, the boundaries do not necessarily coincide with those of the Census Divisions or Subdivisions. However, statistical data from the Census of Agriculture is currently only available for Census Divisions and Subdivisions. An attempt was made, both in the original profiles and in these updates, to choose census divisions and subdivisions which most closely represent the agricultural districts. In this profile all references to the Cranbrook District are to the area covered by census divisions 39-Columbia Shuswap sub A and 1-East Kootenay.

STRUCTURE

The profiles have been designed to provide a comprehensive source of statistical information on each agricultural district. They have been divided into three sections: an overview of the district, a description of the farms and farmers of the district, and a description of the farm products of the district.

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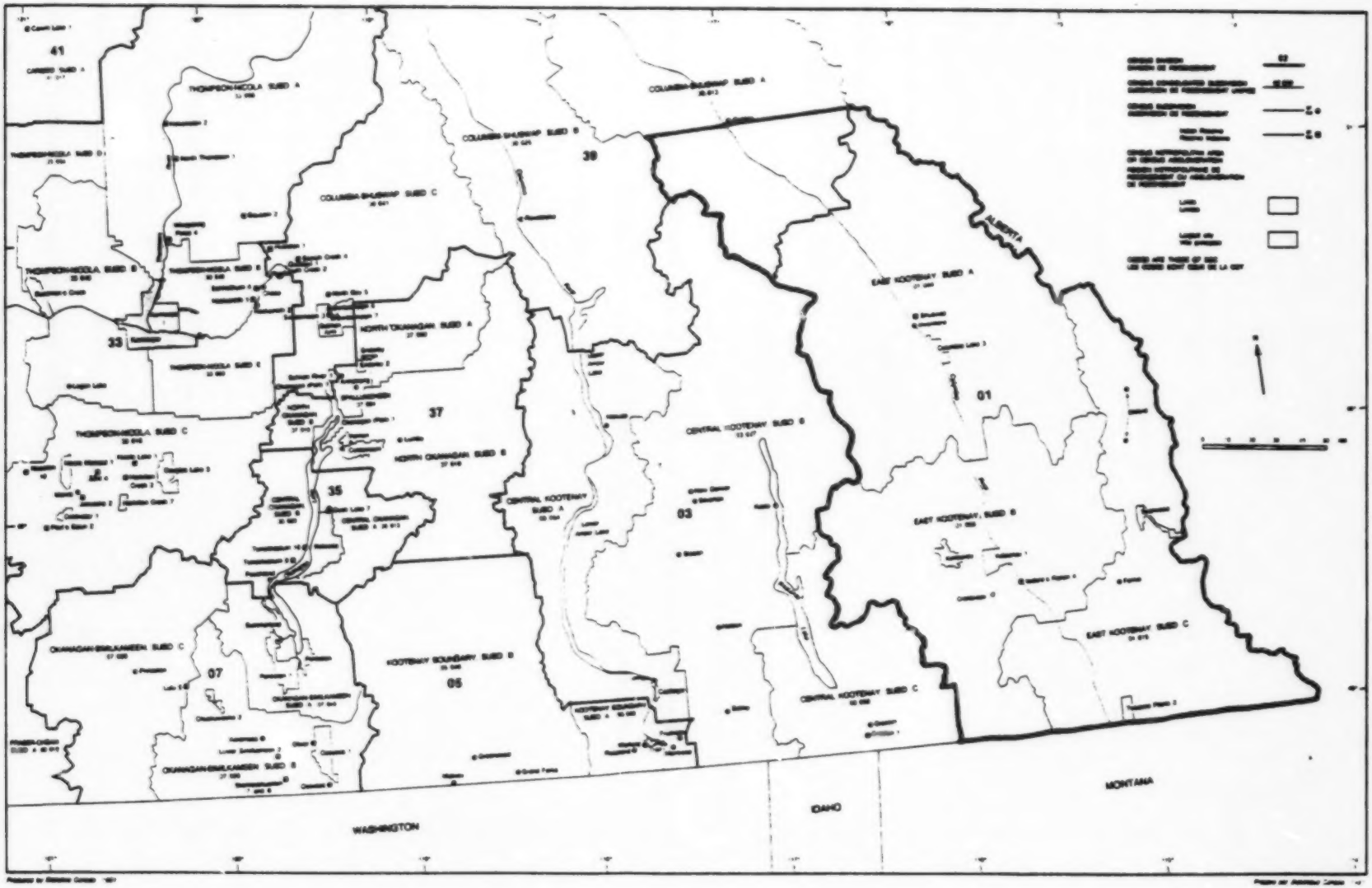
CRANBROOK AGRICULTURAL DISTRICT



OVERVIEW: CRANBROOK DISTRICT OFFICE AREA

The Cranbrook Agricultural District occupies 4.2 million hectares in the Okanagan Kootenay Agricultural Reporting Region. The Rocky Mountain Trench and the Rocky Mountain Range constitute the major physiographic features of the district.

Census figures indicate a 1981 population of 60,145, an increase of 14.2 percent over 1976 levels. The urban/rural distribution has shifted over the last few years with the urban segment now representing 65 percent of the total population up from 50 percent in 1976. Total experienced labour force totals 30,075 with the majority employed in the personal services, trade, manufacturing and natural resource sectors.

Agricultural activity in the district is varied, and involves both hobby and commercial operations. In 1981, cattle production was the primary activity of 55 percent of farms, miscellaneous specialty, assorted field crops and poultry accounted for 13, 11, and 9 percent respectively. Cattle production was the primary activity of 87 percent of holdings with sales greater than $50,000 in 1981. Farm cash receipts totalled $13 million in 1981, 1.4 percent of the provincial total. Dairy products and cattle accounted for 35 and 42 percent of receipts respectively.

The Cranbrook District accounts for 68,492 hectares in agricultural holdings, approximately 3 percent of the provincial total. The total number of farms enumerated in 1981 was 458. Farms in the Cranbrook District are 40 percent larger than the provincial average. One fifth of holdings are larger than 162 hectares compared with one eighth for B.C. as a whole. In 1981, 32 percent of farmland was classified as improved compared with 43.4 percent for the province.

Increased beef production is one of the major opportunities for agricultural expansion in the district. Increased production levels could largely be attained with the current agricultural land base. However, the continuing trend towards hobby farm development and land use pressure from non agricultural uses has led to increased fragmentation of farmland in the district.

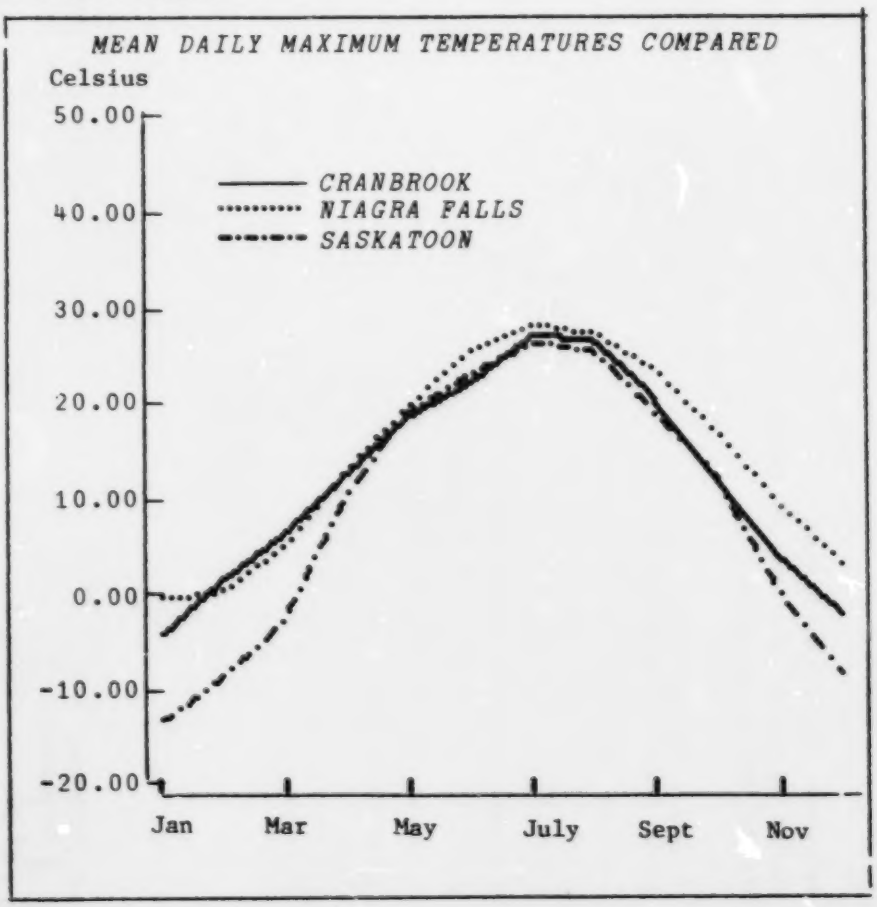
TABLE 1

CLIMATIC DATA

CRANBROOK/NIAGARA FALLS/SASKATOON COMPARED

	CRANBROOK	NIAGARA FALLS	SASKATOON
Growing Degree Days	1,668.4	2,472.7	1,619.9
Frost Free Period	110	172	117
Total Precipitation	369.9	942.3	348.8

Source: Canadian Climate Normals 1951-1980
Temperature and Precipitation Normals 1951-1980
Environment Canada



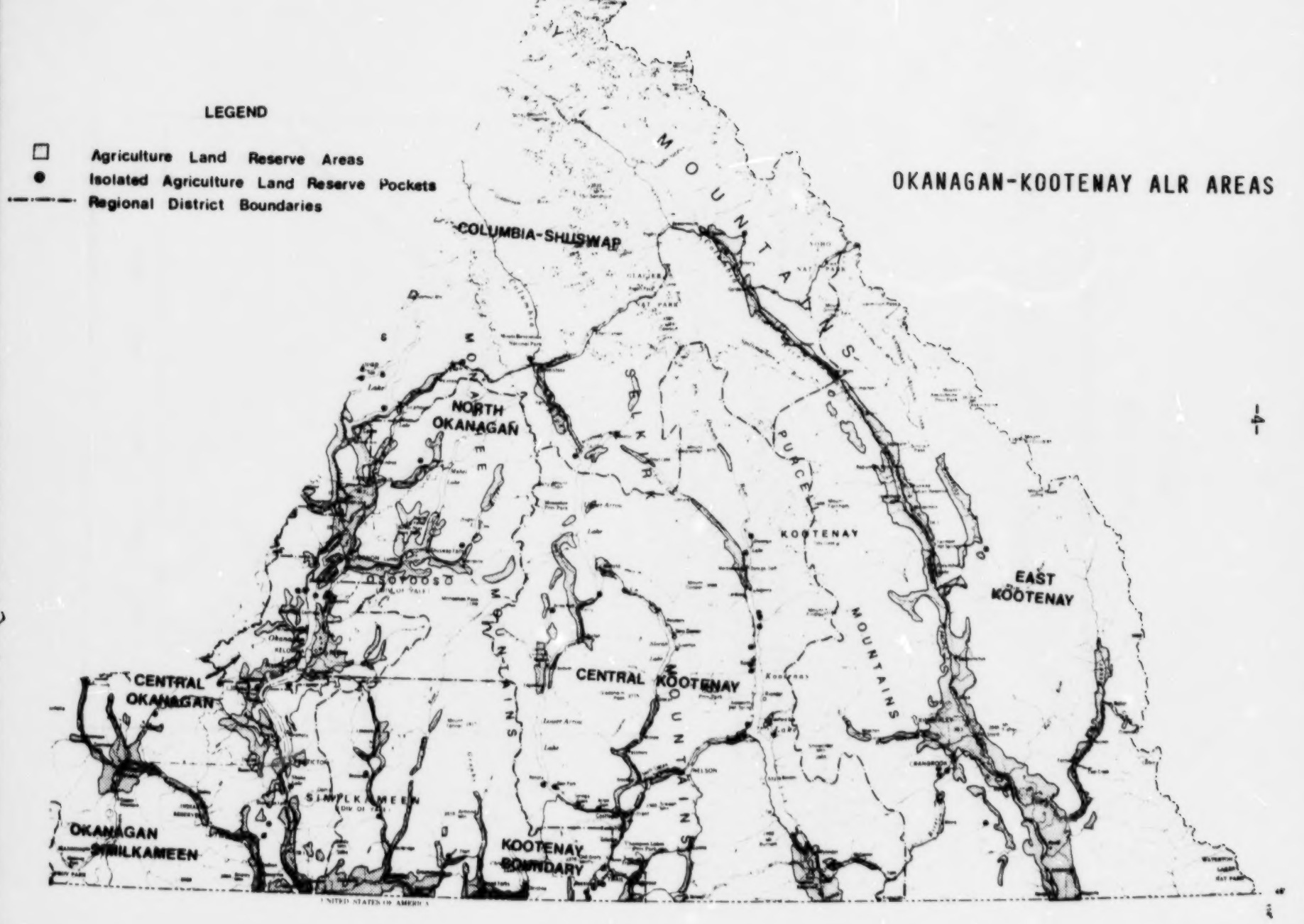

LEGEND
Agriculture Land Reserve Areas
Isolated Agriculture Land Reserve Pockets
Regional District Boundaries
OKANAGAN-KOOTENAY ALR AREAS
COLUMBIA-SHUSWAP
NORTH OKANAGAN
CENTRAL OKANAGAN
OKANAGAN SIMILKAMEEN
CENTRAL KOOTENAY
KOOTENAY BOUNDARY
KOOTENAY
EAST KOOTENAY
SELKIRK MOUNTAINS
PURCELL MOUNTAINS
SELKIRK MOUNTAINS

TABLE 2
KOOTENAY REGION
AGRICULTURAL LAND RESERVE AREAS IN HECTARES
SUMMARY TABLE: LAND CAPABILITY CLASS BY PRESENT LAND USE

Present Land Use

	1	2	3	4	1-4	5	6	7	Water	Total	%Total
Forages and Grains	4,340	9,590	6,610	5,380	25,920	1,930	1,450	150	0	29,450	8
Horticulture	20	210	200	400	830	40	60	160	0	1,090	0
Grassland and Pasture	440	4,330	7,540	14,060	26,370	6,580	6,790	580	0	40,320	12
Forest	920	18,480	35,850	84,340	139,590	51,150	66,230	6,570	0	263,540	75
Non-Productive Lands	60	1,010	950	2,040	4,060	1,820	1,760	700	8,060	16,400	5
Total	5,780	33,620	51,150	106,220	196,770	61,520	76,290	8,160	8,060	330,800	
% Total	2	10	15	30	57	17	22	2	2		

Source: B.C. Land Inventory Report, Vol. 1, 2
Talisman Project Inc., 1980.

KOOTENAY LAND CAPABILITY

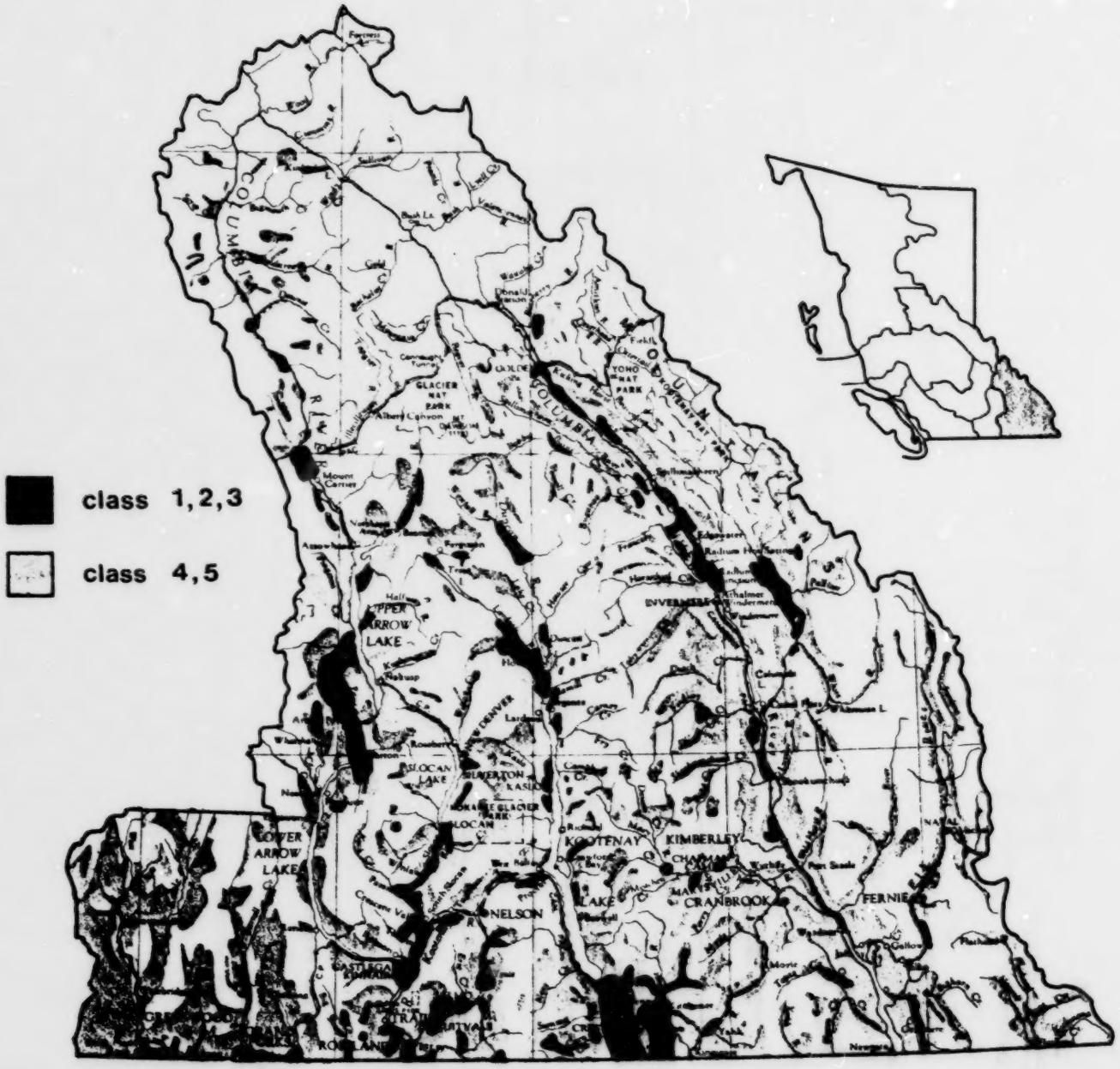


TABLE 3

KOOTENAY REGION

AGRICULTURE LAND CAPABILITY

Class	1	2	3	4	5	6	7	Water Surface	Other*	Total
Hectares ('000s):										
Unimproved	5,228	17,313	26,590	140,745	471,637	1,145,996	5,066,782	148,850	1,289,636	8,312,777
Improved**	6,533	40,926	76,642	164,584	373,962	1,144,876	5,066,768	148,850	1,289,636	8,312,777
Percent:										
Unimproved	0.06	0.21	0.32	1.69	5.68	13.79	60.95	1.79	15.51	100.0
Improved**	0.08	0.49	0.93	1.98	4.50	13.77	60.95	1.79	15.51	100.0

*Other includes unclassified urban areas, national parks and unmapped portions of the district.
**Rating if land unit were irrigated and/or drained.

Source: Agriculture Land Capacity in British Columbia, ARDA Project #89077, 1976.

TABLE 4
CRANBROOK AGRICULTURAL DISTRICT
AGRICULTURE AND GRAZING LEASE DATA IN HECTARES

Lease Type: Grazing

Year	No. of Leases	Area
1983	0	-
1982	0	-
1981	0	-
1980	2	130.3
1980-1983	2	130.3
TOTAL	10	598.70

Lease Type: Extensive Agriculture

1983	0	-
1982	1	31.62
1981	1	119.79
1980	1	23.14
1980-1983	3	174.55
TOTAL	8	406.36

Lease Type: Intensive Agriculture

1983	0	-
1982	0	-
1981	1	0.23
1980	0	-
1980-1983	1	0.23
TOTAL	3	9.10

Total lease area in Cranbrook, 1980-1983: 305.08
Total lease area in Cranbrook: 93,550.63

Source: B.C. Crown Land: Range and Cultivated Land Inventory, B.C.M.A. 1984

TABLE 5

USE OF LAND BY FARM SALES CLASS: CRANBROOK-IN HECTARES

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Number of Farms	112	39	69	65	134	39	458
Total Area of Farms	4,864	2,558	4,273	5,348	31,325	20,124	68,492
Total Improved Land Area	1,687	874	2,054	2,169	10,448	4,917	22,149
Total Area Under Crop	843	457	933	1,072	5,195	3,104	11,603
Number of Farms Reporting	80	29	50	54	125	35	373
Area of Improved Pasture	585	347	1,034	834	4,854	1,633	9,286
Number of Farms Reporting	41	22	42	33	80	22	240
Area in Summer Fallow	34	22	11	86	53	20	226
Number of Farms Reporting	7	4	2	5	4	1	23
Other Improved Land Area	225	48	77	178	374	160	1,034
Number of Farms Reporting	68	23	38	40	72	29	270
Total Unimproved Land Area	3,177	1,684	2,219	3,179	20,877	15,208	46,344
Woodland Area	1,349	695	1,236	1,167	5,788	3,286	13,521
Number of Farms Reporting	44	9	28	18	51	21	171
Other Unimproved Land Area	1,828	989	983	2,012	15,089	11,922	32,822
Number of Farms Reporting	58	18	34	43	85	26	264

Source: 1981 Census of Agriculture
December 1983

TABLE 6

CRANBROOK AGRICULTURAL DISTRICT:

NUMBER OF FARMS BY FARM SALES CLASS

SALES	$-2499	$2500-4999	$5000-9999	$10,000+
1971	174	63	73	82
1976	231	59	63	95
1981	151	69	65	173

Source: 1981 Census of Agriculture.

TABLE 7

CRANBROOK AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY PRODUCT TYPE AND SALES -1981 CENSUS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Dairy	-	2	1	4	9	2	18
Cattle	27	16	36	37	103	34	253
Hogs	4	1	-	2	1	-	8
Poultry	24	5	3	3	3	1	39
Wheat	-	-	-	1	-	-	1
Small Grains	-	1	-	-	-	-	1
Other Field Crops	23	6	16	4	1	-	50
Fruits and Vegetables	7	1	-	-	-	-	8
Miscellaneous Specialty	16	5	9	11	14	2	57
Livestock Combination	3	1	3	3	3	-	13
Other Combinations	8	1	1	-	-	-	10
TOTAL	112	39	69	65	134	39	458

SOURCE: Census of Agriculture, 1981

TABLE 8

CRANBROOK AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY SIZE AND SALES-1981 CENSUS

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
1-2 Acres	9	1	2	-	2	1	15
3-9 Acres	20	3	5	2	1	1	32
10-69 Acres	31	12	24	13	9	1	90
70-129 Acres	19	6	6	11	12	1	55
130-179 Acres	19	8	10	13	14	-	64
180-239 Acres	2	1	9	5	12	-	29
240-399 Acres	8	4	7	14	31	3	67
400-559 Acres	2	-	4	3	16	8	33
560-759 Acres	-	3	1	1	13	6	24
760-1119 Acres	1	-	1	3	11	7	23
1120-1599 Acres	1	1	-	-	7	4	13
1600 Acres and Over	-	-	-	-	6	7	13
TOTAL	112	39	69	65	134	39	458

SOURCE: Census of Agriculture, 1981

CRANBROOK: AGRICULTURAL RESOURCE BASE

Farm Taxfiler's Income

The district has a relatively high proportion of low income operations. In 1981, 62 percent of farms had sales less than $10,000 compared to 60 percent for B.C. as a whole. Average gross farm income reported was $22,000 in 1981 compared to $39,959 provincially. Almost all taxfilers in the Salmon Arm District reported some off farm income, with 62 percent reporting wages and salaries.

Agricultural Employment

Over 92 percent of reported days off farm work included non agricultural labour, approximately 77 percent of off farm work was reported from holdings with sales less than $10,000. Farm operators hired an average 9 weeks of farm labour, compared with 24 weeks for the province as a whole. In 1981, farms with sales greater than $50,000 provided 88 percent of agricultural employment.

Agricultural Land Development Act

The 1981 Census of Agriculture reported 10 more agricultural holdings than in 1976. Irrigation has accounted for over 47 percent of A.L.D.A. expenditures over the last few years. Approximately 48 percent of funds are allocated to land clearing, which has totalled 1,500 hectares since 1971. Operators report using 1,408 tonnes of fertilizer on 6,453 hectares of agricultural land in 1981.

Farm Capital

The total nominal value of farm capital has increased from $72 million in 1976 to $161 million in 1981. The per farm average rose from $161,000 to $432,000 over the same period. The proportion of investment in land and buildings, machinery and livestock has remained relatively constant since 1976. In 1981, total farm capital per hectare was $384, one tenth the provincial average.

Age of Operators

The age distribution of farmers remained relatively constant over the period 1976-81 with the largest decrease in the 55-59 age group, the total number of farmers increased by 2 percent, the district now represents 2.3 percent of the provincial total.

TABLE 9

CRANBROOK AGRICULTURAL DISTRICT

FARMS CLASSIFIED BY CAPITAL VALUE AND SALES-1981 CENSUS

Capital Value	Sales $250-2499	$2500-9999	$10000-49999	$50000 OR MORE	TOTAL
Less Than $10,000	1	-	-	-	1
$10,000-24,999	5	-	-	-	5
$25,000-49,999	8	7	-	-	15
$50,000-99,999	38	16	4	1	59
$100,000-199,999	57	50	20	2	129
$200,000-499,999	38	56	62	6	162
$500,000 AND OVER	4	5	48	30	87
TOTAL	151	134	134	39	458

SOURCE: Census of Agriculture, 1981

TABLE 10

TOTAL FARM CAPITAL BY FARM SALES, 1981: CRANBROOK DISTRICT

	$250-2499	$2500-9999	$10000-49999	$50000+	TOTAL
NUMBER OF FARMS	151	134	134	39	458
TOTAL CAPITAL VALUE	24,706,293	28,788,129	68,637,340	38,540,081	160,671,843
VALUE OF LAND & BUILDINGS	21,942,156	24,145,392	54,810,978	29,604,200	130,502,726
VALUE OF MACHINERY	2,138,725	2,844,784	5,881,105	3,032,750	13,897,364
VALUE OF LIVESTOCK-POULTRY	625,412	1,797,953	7,945,257	5,903,131	16,271,753
AVERAGE CAPITAL VALUE	163,618	214,837	512,219	988,207	431,559
RATIO OF CAPITAL VALUE TO MIDDLE VALUE OF FARM SALES CLASS	119	34	17	13	

SOURCE: Census of Agriculture, 1981

TABLE II

1983 SALES OF FARMS-OKANAGAN KOOTENAY REGION

Area Name	No. Pcls.	Hectares	Sale Price $000s	Value of Improvements	Residual Value	Actual Value	Assessment Sales Ratio	Mkt Value $/Hectare
Penticton	45	660	6,532	$909,600	$5,621,848	$1,075,309	0.191	8,513
Trail	14	1,567	2,179	278,000	1,901,438	1,027,068	0.54	1,213
Kelowna	33	540	6,967	1,040,000	5,926,567	590,580	0.0996	10,972
Vernon	61	1,186	9,974	1,708,500	8,265,750	2,290,223	0.277	6,978
Nelson	7	131	1,065	88,500	976,480	432,240	0.443	7,480
East Kootenay	17	796	2,101	522,800	1,577,945	250,438	0.158	19,942

Source: B.C. Assessment Authority.

TABLE 12

AVERAGE AGE OF FARMERS: CRANBROOK DISTRICT

	1976	1981	CHANGE
Under 25	6	5	-1
25 - 34	59	65	+6
35 - 44	120	115	-5
45 - 54	124	122	-2
55 - 59	61	46	-15
60- 64	37	53	+6
65 - 69	22	29	+7
70 & Over	19	23	+4
TOTAL	448	458	+10
TOTAL PERCENT OF B.C.	2.3	2.3	

SOURCE: Census of Agriculture, 1981

TABLE 13
KOOTENAY REGION
FARM TAXFILER'S INCOME 1980.

	# of Farm Taxfilers	Average Gross Farm Income $'000s	Total Gross Farm Income $'000s	# Reporting Farm Net Income	Average Net Farm Income $'000s	Total Net Farm Income $'000s	# Reporting Wages & Salaries	Average Wage & Salary $'000s	# Reporting Off Farm Income	Average Off Farm Income $'000s	Total Off Farm Income $'000s	Average Income All Sources $'000s	Total Income All Sources $'000s
Central Kootenay	660	19.9	13,116.8	652	0.45	296.3	390	10.2	643	16.0	10,565.9	16.5	10,862.3
East Kootenay	555	24.4	13,548.7	546	(0.98)	(543.9)	358	12.3	540	19.2	10,624.9	18.2	10,081.0
Kootenay Total	1,215	22.0	26,665.5	1,198	(0.21)	(247.6)	748		1,183	17.4	21,190.9	17.2	20,943.3

Source: Revenue Canada.

TABLE 14

OFF-FARM WORK BY FARM OPERATORS BY TYPE OF WORK & FARM SALES, 1981: CRANBROOK

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
NUMBER OF FARMS	112	39	69	65	134	39	458
DAYS OF OFF-FARM WORK	17,283	5,022	9,968	7,998	11,267	922	52,460
FARMS REPORTING	84	23	48	41	69	8	273
AGRICULTURAL OFF-FARM WORK	1,491	205	104	1,040	1,056	100	3,996
FARMS REPORTING	14	4	4	9	13	3	47
NON-AGRICULTURAL OFF-FARM WORK	15,792	4,817	9,864	6,958	10,211	822	48,464
FARMS REPORTING	78	22	48	36	60	7	251

SOURCE: Census of Agriculture, 1981

TABLE 15
CRANBROOK AGRICULTURAL DISTRICT
OFF FARM WORK BY FARM OPERATORS BY NUMBER OF DAYS AND FARM SALES-1981 CENSUS

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,000	$50,000+	Total
1-6 Days	1	-	-	-	1	-	2
7-12	-	-	-	1	4	-	5
13-24	5	1	1	-	5	-	12
25-48	-	-	-	1	4	1	6
49-72	4	-	-	2	6	4	16
73-96	3	-	4	1	5	-	13
97-126	4	2	4	4	5	1	20
127-156	2	-	1	3	2	-	8
157-228	25	5	14	12	16	-	72
229-365	40	15	24	17	21	2	119
Total	84	23	48	41	69	8	273

Source: 1981 Census of Agriculture.

TABLE 16

HIRED AGRICULTURAL LABOUR BY FARM SALES, 1981: CRANBROOK

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
NUMBER OF FARMS	112	39	69	65	134	39	458
TOTAL WEEKS OF HIRED LABOUR	185	96	71	166	2,034	1,784	4,336
FARMS REPORTING	13	6	7	17	57	29	129
WEEKS OF YEAR-ROUND LABOUR	125	17	53	36	1,117	1,352	2,700
FARMS REPORTING	4	2	2	3	17	16	44
WEEKS OF SEASONAL LABOUR	60	79	18	130	917	432	1,636
FARMS REPORTING	9	5	5	15	49	19	102

SOURCE: Census of Agriculture, 1981

TABLE 17

AGRICULTURE LAND DEVELOPMENT ACT WORK DONE, APRIL 1971 - MARCH 1982: CRANBROOK DISTRICT OFFICE AREA

	CLEARED			BROKEN			IRRIGATION	DRAINAGE	OTHER	TOTAL
Fiscal Year	Hectares	Cost/ Hectare $	Cost $'000	Hecatares	Cost/ Hectare $	Cost $'000	Cost $'000	Cost $'000	Cost $'000	$'000
1971/72	68	191	13	-	-	-	2	-	-	15
1972/73	201	149	30	-	-	-	-	-	-	30
1973/74	197	215	42	-	-	-	9	-	-	51
1974/75	404	200	81	36	15	1	83	-	-	168
1975/76	199	217	43	92	28	3	104	-	5	155
1976/77	87	265	23	70	36	2	33	-	1	59
177/78	-	-	-	-	-	-	30	-	-	30
1978/79	6	684	4	6	180	1	10	-	-	15
1979/80	132	372	49	38	139	5	11	-	-	65
1980/81	166	446	74	106	104	11	77	-	-	162
1981/82	41	610	25	21	48	1	21	-	-	47

SOURCE: British Columbia Ministry of Agriculture and Food, A.L.D.A. Branch Records

TABLE 18

SPRAYING, DUSTING AND IRRIGATION, 1981: CRANBROOK

Spraying and Dusting (any)	17
Weed Control (Hec.)	277
Farms Reporting	12
For Insect Control (Hec.)	87
Farms Reporting	6
Irrigation - Total Area (Hec.)	7,582
Farms Reporting	224
Sprinkler System - Total Area (Hec.)	7,363
Farms Reporting	211

SOURCE: Census of Agriculture, 1981

TABLE 19

FERTILIZER USE, 1981: CRANBROOK

Total Area (hectares)	6,453
Tonnes	1,408
No. Reports of Any Use	198
Total Cropland (Hec.)	2,286
Tonnes	499
Farms Reporting	81
Total Tame Hay (Hec.)	2,811
Tonnes	694
Farms Reporting	115
Total Improved Pasture (Hec.)	1,357
Tonnes	215
Farms Reporting	56

SOURCE: Census of Agriculture, 1981

CRANBROOK AGRICULTURAL PRODUCTION

Livestock and Related Products

Sales of livestock and products for 1981 were valued at $10 million or 81 percent of total farm cash receipts. Cattle and calves accounted for $5.2 million of this total or 4.3 percent of provincial beef sales. Total cattle herd size increased by 5 percent to 29,000 head over the period 1976-81. Approximately 86 percent of the cattle population is concentrated in the higher sales classes. Other livestock production is relatively small in the district. Only 18 holdings reported dairy as a primary activity, 1981 receipts were valued at just over $4 million. Hogs and sheep are raised on a part time basis, usually with direct off farm sales. Egg production is confined to one commercial operation (in 1980) with several backyard flocks, for home consumption and direct off farm sales, poultry receipts totalled $257,000 in 1981 with the chicken population increasing by 52 percent since 1976.

Tree Fruit

Tree fruit production was valued at $34,000 in 1981. The district has only 7.2 hectares under tree fruit cultivation, 64 percent of which is under apple cultivation.

Small Fruit/Vegetables

Small fruit production, mainly strawberries and other berries was valued at just over $7,000 in 1981. Hothouse vegetables and Floriculture/nursery are of major value in the district, each being valued at $163,000 and $325,000 respectively. Greenhouse operations were reported by 15 holdings in 1981. Field crops, mostly wheat and barley totalled $39,500 in 1981 farm cash receipts. Ninety seven percent of crop area in the district is in fodder crops, the majority of which is tame hay. Honey is also an important cash crop, production was valued at $170,000 in 1981.

TABLE 20

ESTIMATE OF FARM CASH RECEIPTS, 1981

CRANBROOK AGRICULTURAL DISTRICT

COMMODITY	FARM CASH RECEIPTS $'000	PERCENTAGE	PERCENTAGE OF B.C. OUTPUT
Wheat	22.93	0.18	0.19
Oats	6.68	0.05	0.23
Barley	9.88	0.08	0.10
Potatoes	19.04	0.15	0.10
Small Fruits	7.47	0.06	0.02
Tree Fruits	33.58	0.27	0.06
Field Vegetables	6.15	0.05	0.02
Hothouse Vegetables	163.34	1.30	0.56
Floriculture/Nursery	324.70	2.58	0.63
Other Crops	77.96	0.62	0.24
Total Crops	671.74	5.34	0.24
Cattle & Calves	5,239.37	41.68	4.27
Hogs	193.15	1.54	0.37
Sheep	85.42	0.68	3.24
Poultry & Eggs	256.84	2.04	0.19
Dairy Products	4,359.58	34.68	2.01
Honey	169.66	1.35	3.33
Other Livestock and Prod.	394.73	3.14	1.93
Total Livestock & Prod.	10,698.80	85.11	1.93
Forest Prod. & Def. Pmts.	240.92	1.92	2.68
Farm Income Assurance	785.53	6.25	1.86
Dairy Supp. Payments	174.06	1.38	2.08
Total Cash Receipts	12,571.00	100.00	1.40

SOURCE: Ministry of Agriculture and Food, 1983.

TABLE 21

AREA IN FIELD CROPS BY FARM SALES, 1981: CRANBROOK-IN HECTARES

	$250-1599	$1600-2499	$2500-4999	$5000-9999	$10000-49999	$50000 OR MORE	TOTAL
Number of Farms	112	39	69	65	134	39	458
Flaxseed	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Tame Hay - Total	745	338	875	875	4,571	2,638	10,041
Farms Reporting	66	27	45	51	118	33	340
Alfalfa and Mixtures	543	161	506	672	4,001	2,283	8,166
Farms Reporting	50	23	37	46	114	31	301
Other Tame Hay	202	177	367	202	570	355	1,875
Farms Reporting	22	9	12	15	34	9	101
Oats for Fodder	86	56	35	84	386	336	985
Farms Reporting	10	6	7	14	37	19	93
Other Fodder Crops	2.4	-	6.1	50	121	81	261
Farms Reporting	2	-	1	5	7	1	16

Source: 1981 Census of Agriculture.

TABLE 22
CRANBROOK AGRICULTURAL DISTRICT
AREA OF VEGETABLES ON FARMS, IN HECTARES- 1981 CENSUS OF AGRICULTURE

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	112	39	69	65	134	39	458
Vegetables	1.50	-	0.16	-	-	-	1.66
Farms Reporting	4	-	1	-	-	-	5
Asparagus	0.24	-	-	-	-	-	0.24
Farms Reporting	1	-	-	-	-	-	1
Beans	0.08	-	-	-	-	-	0.08
Farms Reporting	2	-	-	-	-	-	2
Beets	0.08	-	-	-	-	-	0.08
Farms Reporting	2	-	-	-	-	-	2
Broccoli	0.04	-	-	-	-	-	0.04
Farms Reporting	1	-	-	-	-	-	1
Cabbage	0.04	-	-	-	-	-	0.04
Farms Reporting	1	-	-	-	-	-	1
Carrots	0.08	-	0.08	-	-	-	0.16
Farms Reporting	2	-	1	-	-	-	3
Cauliflower	0.04	-	-	-	-	-	0.04
Farms Reporting	1	-	-	-	-	-	1
Cucumbers	0.45	-	-	-	-	-	0.45
Farms Reporting	2	-	-	-	-	-	2
Green Peas	0.08	-	-	-	-	-	0.08
Farms Reporting	2	-	-	-	-	-	2
Lettuce	0.04	-	-	-	-	-	0.04
Farms Reporting	1	-	-	-	-	-	1
Onions (Dry)	0.04	-	-	-	-	-	0.04
Farms Reporting	1	-	-	-	-	-	1
Rutabagas	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Sweet Corn	0.12	-	0.08	-	-	-	0.20
Farms Reporting	1	-	1	-	-	-	2
Tomatoes	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Other Vegetables	0.16	-	-	-	-	-	0.16
Farms Reporting	1	-	-	-	-	-	1

TABLE 23
CRANBROOK AGRICULTURAL DISTRICT
AREA IN SMALL FRUITS BY FARM SALES IN HECTARES-1981 CENSUS

	$250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	112	39	69	65	134	39	458
Small Fruits	0.32	0.45	0.08	0.20	0.04	-	1.09
Farms Reporting	4	2	1	1	1	-	9
Strawberries	0.24	0.04	0.08	0.20	-	-	0.57
Farms Reporting	2	1	1	1	-	-	5
Grapes	-	-	-	-	-	-	-
Farms Reporting	-	-	-	-	-	-	-
Other Berries	0.08	0.41	-	-	0.04	-	0.53
Farms Reporting	2	1	-	-	1	-	4

Source: 1981 Census of Agriculture.

TABLE 24
CRANBROOK AGRICULTURAL DISTRICT
AREA IN TREE FRUITS BY FARM SALES IN HECTARES-1981 CENSUS

	250-1,599	$1,600-2,499	$2,500-4,999	$5,000-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	112	39	69	65	134	39	458
Tree Fruits	1.42	0.36	-	1.62	0.12	3.64	7.16
Farms Reporting	3	1	-	1	1	1	7
Apple	0.81	0.24	-	1.01	0.08	2.43	4.57
Farms Reporting	3	1	-	1	1	1	7
Number of Apple Trees	76	20	-	100	26	618	840
Pear	0.12	0.04	-	0.20	-	0.16	0.53
Farms Reporting	3	1	-	1	-	1	6
Number of Pear Trees	14	2	-	2	-	9	27
Plum and Prune	0.12	0.04	-	0.20	0.04	0.41	0.81
Farms Reporting	3	1	-	1	1	1	7
Number of Trees	23	2	-	6	2	35	68
Cherry (Sweet)	0.16	0.04	-	0.20	-	0.41	0.81
Farms Reporting	3	1	-	1	-	1	6
Number of Cherry Trees	19	2	-	5	-	30	56
Cherry (Sour)	0.08	-	-	-	-	0.04	0.12
Farms Reporting	2	-	-	-	-	1	3
Number of Trees	2	-	-	-	-	2	4
Peach	0.04	-	-	-	-	-	0.04
Farms reporting	1	-	-	-	-	-	1
Number of Peach Trees	2	-	-	-	-	-	2
Apricot	0.08	-	-	-	-	0.20	0.28
Farms reporting	2	-	-	-	-	1	3
Number of Apricot Trees	5	-	-	-	-	11	16

Source: 1981 Census of Agriculture.

TABLE 25
CRANBROOK AGRICULTURAL DISTRICT
AREA IN SPECIALTY CROPS BY FARM SALES IN HECTARES-1981 CENSUS

	$250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	151	134	134	39	458
Nusery Products	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	1	1	4	-	6
Greenhouse Sq. Metres	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	7	2	5	1	15

Source: 1981 Census of Agriculture.

TABLE 26
CRANBROOK AGRICULTURAL DISTRICT
LIVESTOCK NUMBERS BY FARM SALES-1981 CENSUS

	$250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	151	134	134	39	458
Cattle-Total Number	1,004	2,952	14,486	10,684	29,126
Farms Reporting	68	98	121	37	324
Cows-Total Number	400	1,341	6,262	4,262	12,265
Farms Reporting	55	88	114	35	292
Dairy Cows-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	17	22	22	10	71
Beef Cows-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	43	78	104	31	256
Heifers-Total Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	38	71	101	33	243
Steers-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	22	33	58	23	136
Bulls-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	26	65	107	33	231
Calves-Number	341	1,052	5,451	4,011	10,855
Farms Reporting	50	85	110	36	281
Pigs-Total Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	20	19	9	2	50
Sheep-Total Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	11	13	6	1	31
Horses-Number	407	340	613	314	1,674
Farms Reporting	69	68	96	28	261

Source: 1981 Census of Agriculture.

TABLE 27
CRANBROOK AGRICULTURAL DISTRICT
POULTRY NUMBERS BY FARM SALES-1981 CENSUS

	250-2,499	$2,500-9,999	$10,000-49,999	$50,000+	TOTAL
Number of Farms	151	134	134	39	458
Hens/Chickens Total No.	3,821	2,992	3,060	9,707	19,580
Farms Reporting	61	47	48	13	169
Turkeys-Number	n.a.	n.a.	n.a.	-	n.a.
Farms Reporting	16	9	9	-	34
Geese-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	11	15	9	1	36
Ducks-Number	n.a.	n.a.	n.a.	n.a.	n.a.
Farms Reporting	11	10	12	4	37

Source: 1981 Census of Agriculture.

APPENDIX

TERMS USED IN THE CENSUS OF AGRICULTURE

Census-farm areas

The area of census-farms reported for each subdivision represents the area of land operated by farmers whose headquarters are in the subdivision.

Crown lands, usually pasture land, which were operated under a lease agreement with federal, provincial or municipal governments, are reported as part of the farming operation of the person to whom the land was leased. However, land which was used under a per head grazing permit or fee is not included.

Large areas of timber land or other non-agricultural land held by the operator, but operated apart from the farm business, are excluded.

Use of Land

All farm land is classified according to use under two major divisions: improved and unimproved land.

Improved Land

1) Crop land - Included in this item is the total area of crop land sown for harvest in the census year. Crop land includes the total area of all field crops, plus the areas of fruits, vegetables, greenhouses, mushroom houses and nursery products. Because some crops are reported in fractions of a hectare, there may be slight differences between the sum of the individual crop areas and the total crop land.

2) Improved pasture - All land which was being used for pasture or grazing and which has had some improvements made to it in recent years is included. Improvements would include cultivation, drainage, irrigation, fertilization, seeding down or spraying.

3) Summer fallow - The enumerator was instructed to include in this item land from which no crop was to be harvested during the census year, but which was to be cultivated or worked during the year for weed control and/or for moisture conservation.

4) Other improved land - This item includes the area of barnyards, home gardens, lanes and roads on farms. It also includes areas of cultivated land that were lying idle, being neither summer-fallowed nor cropped, and areas of new breaking that had not been seeded to a crop.

Unimproved Land

The area of unimproved land consists of the total areas reported for 1) woodland and 2) other unimproved land.

1) Woodland - This includes farm woodlots, land leased for cutting, sugar bush and cut-over land with young growth which has or will have value as timber, fuelwood or Christmas trees. The area of tress planted for wind-breaks was also to be included. It excludes large timber tracts which are run as a separate business from the farm. There is some evidence that changes in the area of this item between censuses may be due to differences in interpretation. This would be particularly true in areas of bushland.

2) Other unimproved land - Areas of native pasture or hay land that had not been cultivated, bush pasture, grazing or waste land, sloughs, marsh and rocky land et cetera, are all included in this item.

TERMS USED IN LAND CAPABILITY RATINGS

Class 1	land is capable of producing the very widest range of vegetables, cereal grains, forages, berry fruits and numerous specialty crops. Soil and climatic conditions are opitimum.
Class 2	land is capable of producing a wide range of regional crops as above with some differences in variety due to minor restrictions of soils and climate.
Class 3	land is capable of producing a fairly wide range of regional crops under good management practices. Soils and/or climate limitations are somewhat restrictive.
Class 4	land is capable of a restricted range of regional crops such as hardy cereal grains, hardy vegetables, and forages. Soil and climate limitations demand special management considerations.
Class 5	land is capable of production of perennial forage crops only. Soil and/or climate restrictions severely limit the land's capability.
Class 6	land is natural rangeland. Soil and/or climate limitations preclude cultivation, but the land may be important in its natural state as grazing land.
Class 7	land has no agricultural capability whatsoever.
UNIMPROVED	These figures are derived from the Canada Land Inventory dry-farm ratings. They do not reflect either present land use or the state of readiness for cultivation, but only the potential capability if used for agriculture.
IMPROVED	These figures are derived from the Canada Land Inventory irrigated ratings. They reflect the capabitity for agriculture if the land unit were irrigated and/or drained. They do not indicate whether the land unit is presently either irrigated or drained.
WATER SURFACES	This category includes all non-seasonal lakes and rivers. It also includes that part of the Strait of Georgia, between Vancouver Island and the Mainland , that falls within latitudes 49 N to 51 N.
OTHER	This category includes all regions of the province that were not mapped due to limited agricultural potential, national parks, and unmapped urban areas.

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